Index of Claims

| Application/C | Control No. |
|---------------|-------------|
|---------------|-------------|

08/932,704 Examiner Applicant(s)/Patent under Reexamination

MORPER, HANS-JOCHEN

Art Unit

James D. Ewart

2617

√ Rejected
= Allowed

(Through numeral)
Cancelled

Restricted

Non-Elected
I Interference

A Appeal
O Objected

| Cla  | im            | m Date   |              |  |                |          | $\neg$   | Cla      | im            | Date     |          |          |   |          |          |          |           |          | CI       | aim       | Date   |          |          |               |               |  |          |          |          |                 |               |          |
|--|---------------|----------|--------------|--|----------------|----------|----------|----------|---------------|----------|----------|----------|---|----------|----------|----------|-----------|----------|----------|-----------|--|----------|----------|---------------|---------------|--|----------|----------|----------|-----------------|---------------|----------|
| <u> </u>   |               |          |              |  |                |          | $\dashv$ |          |               |          |          |          | Ť   |          |          | $\neg$   | П         | $\dashv$ |          |           | <del>                                     </del> |          |          |               |               |  |          |          |          |                 |               |          |
| Final  | Original      | 8-43-    |              |  |                |          |          |          |               |          | Final    | Original |   |          |          |          |           |          |          |           |  | Final    | Original |               |               |  |          |          |          |                 |               |          |
|  | +             |          |              |  | П              |          |          |          |               |          |          | 51       |   |          |          |          | $\Box$    |          |          | T         |  |          | 101      |               |               | T  |          |          |          |                 |               |          |
|  | \$            |          | T            | Г  | Г              |          |          |          |               |          |          | 52       |   |          |          | $\neg$   | 寸         | 寸        | 一        | ╗         |  |          | 102      |               | $\top$        | $\top$   | _        | $\neg$   | 寸        | 寸               | ヿ             |          |
| _  | 1             | Г        |              |  |                |          |          | П        |               | _        |          | 53       |   | Н        |          | $\neg$   | $\neg$    | $\dashv$ | _        | T         | $\neg$   |          | 103      |               | _             | ┪  | _        | $\dashv$ | $\dashv$ | ┪               | 十             | $\neg$   |
| <b></b>  | 1             |          | t            | H  |                |          |          | Н        | $\dashv$      | _        |          | 54       |   | Н        |          | $\dashv$ | $\neg$    | -        | _        | $\dashv$  |  |          | 104      |               | -+            | +  | +        | +        | +        | 一               | $\dashv$      | _        |
| <del>                                     </del> | 3             | -        | -            | -  | -              |          |          | Н        | $\dashv$      | -1       | -        | 55       | -   | Н        |          | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$  |  |          | 105      | -             | $\dashv$      | +  | +        | $\dashv$ | $\dashv$ | $\dashv$        | $\dashv$      |          |
| $\vdash$   | 1             | H        | ⊢            | <del> </del>   | $\vdash$       | H        | $\vdash$ | Н        | $\dashv$      | -        | -        | 56       | $\vdash$  | Н        | $\dashv$ | -        | -         |          | -        |           |  | _        | 106      | $\dashv$      | $\dashv$      | +  | +        | -+       |          | $\dashv$        | $\dashv$      | _        |
| 5  | $\overline{}$ | _        | ⊢            | ⊢  | <del> </del> — |          |          | Н        | $\rightarrow$ | -1       | -        | 57       | -   | $\vdash$ |          | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$  |  |          | 107      | -             |               | +  | +        | -        | $\dashv$ | $\dashv$        | $\dashv$      | _        |
|  | 7             | _        | ┝            | ┝  | H              |          | H        | Н        |               | -        |          |          | H   | Н        |          | -        | -         |          | -        | -         |  |          |          | $\dashv$      | -             | +  | +        | -        | +        | -+              | $\dashv$      | $\dashv$ |
| 9  | 8             | 1        | <del> </del> | ├-   | -              |          |          |          |               | -        |          | 58       | <u> </u>  | Ш        | $\dashv$ |          | _         |          | -        | $\dashv$  |  |          | 108      | -             | -             | +  | 4        | _        | -        | $\dashv$        | 4             |          |
| 7  | 9             | 1        | ⊢            | <u> </u>   | _              | <u> </u> |          | Ш        | $\rightarrow$ | 4        | -        | 59       |   | Ш        | $\dashv$ |          | _         | _        |          |           |  | <u> </u> | 109      | $\vdash$      | _             | +  | _        | _        | 4        | 4               | -             |          |
| 1  | 10            | ı        | <b>!</b>     | L  | _              | _        |          | Ш        |               | _        |          | 60       | _   | Ш        |          | _        | _         | _        | _        | _         |  |          | 110      | _             | -             | 4  | _        | 4        | 4        | 4               | _             | _        |
|  | 14            |          | <u> </u>     | L.   |                |          |          | Ш        |               | _        |          | 61       |   |          |          | _        | _         | _        |          |           |  |          | 111      | $\rightarrow$ | _             | 4  | 4        | _        | _        | 4               | _             | _        |
| 2  | 12            | Ξ        | L            | <u> </u>   | <u> </u>       | <u> </u> |          | Ш        |               |          |          | 62       |   | Ш        |          | $\Box$   |           |          |          |           |  | L        | 112      |               |               | L  | $\perp$  | _        |          | _               |               |          |
| 3  | 13            | 1        | <u> </u>     | <u> </u>   |                | $\vdash$ | Ш        | Ш        | Ш             |          |          | 63       | $oxed{oxed}$  | Ш        |          |          |           |          |          | _         |  | L        | 113      | Ш             |               |  | $\perp$  |          | $\perp$  |                 |               |          |
| Ч  | 14            |          | <u> </u>     |  |                |          |          |          |               | _        |          | 64       |   |          |          |          | _         |          |          | _         |  |          | 114      |               | $\perp$       | ┙  |          |          |          | _               | _             | _        |
| 4  | . 15          | ⊢I       | <u> </u>     | $ldsymbol{ld}}}}}}$ |                | <u> </u> |          |          |               |          |          | 65       |   | Ш        |          |          |           | l        |          |           |  | L        | 115      | Ш             |               | ⊥  | _        |          |          |                 | $\perp$       |          |
| ٺ  | 16            |          |              |  |                |          |          |          |               |          |          | 66       |   |          |          |          |           |          | [        |           |  |          | 116      | j             |               | i_   |          |          | _ }      |                 | $\perp$       |          |
|  | ¥             |          |              |  |                |          |          |          |               |          |          | 67       |   |          |          |          |           |          |          |           |  |          | 117      |               |               |  |          |          |          |                 |               |          |
| 4  | 18            | =        |              | Г  |                | Г        |          |          |               | $\neg$   |          | 68       |   |          |          | Ī        |           |          |          |           |  |          | 118      |               | $\neg \vdash$ | Т  | T        |          |          | ヿ               | ╗             | П        |
|  | 19            | Ī        | Π            |  |                |          |          |          |               |          |          | 69       |   |          |          |          |           | $\neg$   | $\neg$   |           |  |          | 119      |               | $\neg$        | $\exists$                                      |          |          |          | 寸               | ヿ             | П        |
|  | 20            |          |              |  |                |          |          |          | $\Box$        |          |          | 70       |   |          |          |          | $\neg$    | $\neg$   |          |           |  |          | 120      |               |               | T  |          | T        | T        | 寸               | コ             |          |
|  | 21            |          | П            |  | Г              |          |          | П        | $\neg$        |          |          | 71       |   |          | $\neg$   |          |           | _        |          | $\neg$    |  |          | 121      |               | $\top$        | 十  | 1        |          |          | $\neg$          | $\dashv$      |          |
|  | 22            | H        | ┢            |  | ┢              |          | -        | $\vdash$ | $\neg$        | $\neg$   |          | 72       | _   |          |          |          |           | $\dashv$ | 一        | $\neg$    | $\dashv$   |          | 122      | $\Box$        | $\top$        | +  | $\dashv$ | $\dashv$ | 7        | 寸               | $\dashv$      | $\neg$   |
| <b></b>  | 23            | -        | -            | -  | -              | $\vdash$ | ┝        |          |               | -        |          | 73       | -   | $\neg$   |          | $\dashv$ | $\dashv$  | 一        | ┪        | $\dashv$  | $\dashv$   |          | 123      | $\vdash$      | $\dashv$      | +  | 十        | 十        | $\dashv$ | _               | $\dashv$      | -        |
|  | 24            | $\vdash$ | $\vdash$     | ├─   | $\vdash$       | $\vdash$ | ⊢        | Н        |               | $\dashv$ | -        | 74       | ┝   | $\vdash$ |          | _        | ᅥ         | -1       | $\dashv$ | ┪         | $\dashv$   | -        | 124      | $\vdash$      | _             | +  | +        | +        | -        | -+              | $\dashv$      | $\dashv$ |
|  | 25            | -        | -            | -  | ⊢              | $\vdash$ | ┝        | Н        | $\dashv$      | $\dashv$ | -        | 75       | -   | $\vdash$ | $\dashv$ | -        | $\dashv$  | ┪        | $\dashv$ | $\dashv$  | $\dashv$   |          | 125      | $\dashv$      | +             | ╅  | -+       | +        | $\dashv$ | -+              | $\dashv$      | $\dashv$ |
| -  | 26            | -        | -            |  |                |          |          | Н        |               | -        |          | 76       | -   |          |          | -        | ┥         | ╅        | -        | -         |  | -        | 126      | -             | +             | +  | +        | +        | +        | ╅               | $\dashv$      | $\dashv$ |
|  | 27            | -        | -            | _  | $\vdash$       | $\vdash$ | ⊢        | Н        | -             | -        | -        | 77       |   |          | -        | $\dashv$ | $\dashv$  | $\dashv$ | -        | $\dashv$  | -  | -        | 127      | $\vdash$      | +             | +  | +        | +        | +        | -               | $\dashv$      |          |
|  | 28            | ⊢        | -            |  | $\vdash$       | $\vdash$ | $\vdash$ | Н        | $\dashv$      | -        |          | 78       | -   | $\vdash$ | $\vdash$ | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$ | -         |  | -        | 128      | $\vdash$      | +             | +  | +        | $\dashv$ | +        | $\dashv$        | $\dashv$      | $\dashv$ |
|  | 29            | -        | -            | -  | -              | $\vdash$ | ⊢        | Н        | -             | -        |          | 79       | -   | -        | -        | $\dashv$ | ᅱ         | $\dashv$ | -        | $\dashv$  | -  | -        | 129      | $\vdash$      | +             | +  | +        | +        | +        | +               | $\dashv$      | $\dashv$ |
|  |               |          | -            | <u> </u>   | -              | _        | -        |          | -             | 4        | -        |          | $\vdash$  |          |          |          |           |          | $\dashv$ |           | -  |          |          | $\vdash$      |               | +  | +        | 4        | -        | _               | $\dashv$      | -        |
|  | 30            | <u> </u> | $\vdash$     | <u> </u>   | H              |          | $\vdash$ |          |               | 4        | -        | 80       | $\vdash$  |          |          |          |           |          |          |           | -  |          | 130      | $\vdash$      | -             | +  | -        | 4        | -        | -               | -             | -1       |
| <u> </u>   | 31            | _        | <u> </u>     | <u> </u>   | _              |          | <u> </u> |          | -             | 4        |          | 81       |   |          |          | _        |           |          |          |           | _  | <u> </u> | 131      |               | $\dashv$      | 4  | 4        | 4        | 4        |                 | -             |          |
| $\vdash$   | 32            | ┞_       | _            | L  |                |          |          | Ш        | _             | 4        |          | 82       |   |          |          | _        | _         |          |          | _         |  |          | 132      | $\vdash$      | _             | -  | _        | _        | -        | 4               | -             |          |
|  | 33            | <u> </u> | _            |  |                |          | L        | $\sqcup$ | _             | 4        |          | 83       |   |          |          |          |           | 4        | 4        | _         | _  | <u> </u> | 133      | $\sqcup$      | $\perp$       | 4  | 4        | 4        | 4        | _               | 4             |          |
| igsquare   | 34            | <u> </u> | <u> </u>     | <u> </u>   | <b> </b> _     | Щ        | Щ        | Щ        | _             |          | L        | 84       | Щ   | Ш        | _        | _        |           | _        | [        | _         |  |          | 134      | $\sqcup$      |               | 4  | _        | _        | 4        | _               | _             | _        |
| $\sqcup$   | 35            | <b>!</b> | L            | <u> </u>   | Ш              | Ш        | Ш        | Ш        | $\perp$       |          |          | 85       |   | Ш        | _        |          |           | ↓        | _        |           | $\Box$   | L        | 135      | Ш             | $\bot$        |  | 4        | _        |          | ļ               |               | $\Box$   |
| ldash  | 36            | <u> </u> |              | L  | L_             | Ш        | Ш        | Ш        |               |          |          | 86       | Щ,  | Ш        |          |          |           |          |          |           |  | <u> </u> | 136      | Ц             | $\perp$       | 1  | $\perp$  |          |          | _ļ              | $\dashv$      |          |
| <u></u>  | 37            | <u> </u> | <u></u>      | <u> </u>   | $oxed{oxed}$   |          | Ш        | Ш        |               |          |          | 87       | $ldsymbol{ld}}}}}}$ | Ш        | $\Box$   |          |           |          |          |           |  | <u> </u> | 137      | Ш             |               | 丄  | $\perp$  | _        | $\perp$  |                 | ightharpoonup |          |
|  | 38            |          |              |  |                |          |          |          |               |          |          | 88       |   |          |          |          |           |          |          |           |  |          | 138      |               |               |  |          |          |          |                 | $\Box$        |          |
|  | 39            | L        | L            |  |                |          |          |          |               |          |          | 89       |   |          |          |          |           |          | $\Box$   | [         |  |          | 139      |               |               | $\perp$  | $\Box$   |          |          |                 | $\Box$        | ]        |
|  | 40            |          |              |  |                |          |          |          | $\Box$        | _]       |          | 90       |   |          |          |          | $\Box$    |          |          |           |  |          | 140      |               | T             | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{I}}}$ | J        | $\Box$   |          |                 | J             |          |
|  | 41            |          |              |  |                |          |          |          |               | $\neg$   |          | 91       |   |          |          | $\neg$   | $\neg$    | $\neg$   |          | $\neg$    |  |          | 141      |               |               | $\top$   | T        | $\Box$   |          | 寸               | $\neg$        |          |
|  | 42            |          |              |  |                |          |          | $\Box$   | $\neg$        | $\neg$   |          | 92       |   |          |          | $\neg$   | $\neg$    |          |          | $\neg$    |  |          | 142      |               | $\neg$        | T  | T        | $\neg$   | $\neg$   | $\neg$          | $\exists$     | $\neg$   |
|  | 43            |          |              |  |                |          |          | П        |               |          |          | 93       |   |          | $\neg$   | 一        | $\neg$    | 一        |          | $\exists$ |  |          | 143      | $\Box$        | $\top$        | T  | $\dashv$ | 7        |          | 寸               | ヿ             |          |
|  | 44            |          | Π            |  |                |          |          | П        |               | $\neg$   |          | 94       |   | П        | $\Box$   | _        | 7         | T        | _        | _         | $\neg$   |          | 144      |               | $\top$        | 十  | 寸        | _        | 7        | $\neg \uparrow$ | $\dashv$      | $\neg$   |
|  | 45            | Г        | T            |  | П              | П        | П        | $\vdash$ | 寸             | $\dashv$ |          | 95       | М   | т        | $\dashv$ | ╛        | $\exists$ | _        | _        | _         | $\dashv$   |          | 145      | $\vdash$      | _             | ╅  | +        | 十        | $\dashv$ | 寸               | $\dashv$      | $\neg$   |
| М  | 46            | Т        | Г            |  | П              |          | П        |          | $\dashv$      | $\dashv$ |          | 96       | П   | П        | _        | T        | 7         | -1       | -        | $\dashv$  | $\dashv$   |          | 146      | $\vdash$      | $\dashv$      | $\top$   | $\dashv$ | _        | 十        | 7               | $\dashv$      | $\neg$   |
| Г  | 47            | Г        | Г            |  |                | $\vdash$ | Н        |          | -             | $\dashv$ |          | 97       | П   | П        |          |          |           | _        | -        | $\dashv$  | $\dashv$   |          | 147      |               | $\top$        | $\top$   | $\dashv$ | _        | +        | 7               | $\dashv$      |          |
|  | 48            | Н        | $\vdash$     |  | _              | $\vdash$ | Н        | Н        | +             | $\dashv$ | $\vdash$ | 98       | Н   | Н        |          | -        | $\dashv$  | 一        | $\dashv$ | _         | $\dashv$   | _        | 148      |               | -+            | +  | 十        | $\dashv$ | $\dashv$ | 十               | $\dashv$      | $\dashv$ |
| $\vdash$   | .49           | $\vdash$ | $\vdash$     |  | <u> </u>       |          |          | $\vdash$ | $\dashv$      | $\dashv$ | $\vdash$ | 99       | Н   | Н        | $\dashv$ | -        |           | -+       | -        | $\dashv$  | $\dashv$   |          | 149      | $\vdash$      | $\dashv$      | ╅  | $\dashv$ | +        | $\dashv$ | $\dashv$        | $\dashv$      | ᅱ        |
|  | 50            | $\vdash$ | $\vdash$     |  |                | -        | -        | $\vdash$ | $\dashv$      | $\dashv$ | $\vdash$ | 100      | Н   | $\vdash$ | $\dashv$ | -        |           | -        | $\dashv$ | $\dashv$  | $\dashv$   | -        | 150      | $\dashv$      | -+-           | +  | +        | $\dashv$ | $\dashv$ | $\dashv$        | $\dashv$      | $\dashv$ |
| L  | 50            |          |              | L  | لـــا          | لـــا    | لـــا    | لــا     | 1             |          | ш        | 100      | نب  | ш        |          |          |           |          |          |           |  | L        | 130      |               |               |  |          | -        |          | _1              |               |          |